

AMENDMENT TO THE CLAIMS

[c01] (Currently Amended) A method of monitoring multiple tasks to fulfill a request originating from a web browser, the method comprising ~~the steps of:~~

creating a progress page by a processor for communicating a progress page to the web browser, the progress page comprising progress messages for each of the multiple tasks, the progress page including an Embedded Refresh Component that forces the web browser to again request the progress page;

creating a response to the request by the processor, the response having a STATUS header set to REDIRECT and a LOCATION header set to a Progress Page Uniform Resource Locator corresponding to the Embedded Refresh Component;

communicating the response and the progress page by the processor to the web browser;

receiving periodic requests at the processor for updates to the progress page according to the Embedded Refresh Component; and

when the multiple tasks are completed, communicating a final progress page to the web browser, the final progress page eliminating the Embedded Refresh Component.

[c02] (Currently Amended) A method according to claim 1, further comprising representing the Embedded Refresh Component as a REFRESH header contained within the progress page having a uniform resource locator attribute set to a task monitor uniform resource locator and a content attribute set to a time period ~~the step of dynamically generating the progress page by inserting the progress messages into a template.~~

[c03] (Currently Amended) A method according to claim ~~[[1]]~~ 2, wherein receiving the periodic requests for the updates comprises receiving each request at an end of the time period contained within the REFRESH header further comprising the step of communicating a communication to the web browser, the communication forcing the web browser to initially request the progress page.

[c04] (Currently Amended) A method according to claim [[1]] 3, further comprising receiving each request at the task monitor uniform resource locator contained within the REFRESH header ~~wherein the step of communicating the progress page to the web browser further comprises including a refresh interval with the Embedded Refresh Component, the refresh interval causing the web browser to again request the progress page.~~

[c05] (Currently Amended) A method according to claim 1, further comprising erasing the progress page and creating a new progress page by compiling current progress messages from each task ~~wherein the step of communicating the progress page to the web browser further comprises including a Uniform Resource Locator with the Embedded Refresh Component, the Uniform Resource Locator corresponding to the progress page.~~

[c06] (Currently Amended) A method of monitoring multiple tasks to fulfill a request originating from a web browser, the method comprising ~~the steps of:~~

reading progress messages by a processor, the progress messages corresponding to a task object in a task list;

reading a template by the processor for a progress page;

reading a refresh interval by the processor;

reading a Uniform Resource Locator by the processor;

creating the [[a]] progress page by the processor by merging the progress messages, the template, the refresh interval, and the Uniform Resource Locator;

creating a response to the request by the processor, the response comprising the progress page, a STATUS header set to REDIRECT, a LOCATION header set to the Uniform Resource Locator, and a REFRESH header having the uniform resource locator set as an attribute and the refresh interval set as another attribute;

communicating the progress page to the web browser, ~~the progress page including the Uniform Resource Locator that causes the web browser to again request the progress page;~~

receiving periodic requests at the processor for updates to the progress page according to the refresh interval contained within the REFRESH header; and

when the multiple tasks are completed, communicating a final progress page to the web browser, the final progress page eliminating the Uniform Resource Locator,

whereby the browser ceases requesting updates from the processor.

[c07] (Currently Amended) A method according to claim 6, wherein receiving the periodic requests for the updates comprises receiving each request at an end of the time period contained within the REFRESH header ~~further comprising the step of communicating a communication to the web browser, the communication causing the web browser to initially request the progress page.~~

[c08] (Currently Amended) A method according to claim [[6]] 7, further comprising receiving each request at the uniform resource locator contained within the REFRESH header ~~the step of communicating a communication to the web browser, the communication including a second Uniform Resource Locator that that causes the web browser to initially request the progress page.~~

[c09] (Currently Amended) A method according to claim 6, when each periodic request for an update is received, then further comprising erasing a previously-created progress page and creating a new progress page by compiling current progress messages from each task ~~the step of creating a task object corresponding to each task.~~

[c10] (Currently Amended) A method according to claim 9, further comprising ~~the step of~~ adding each task object to a task list.

[c11] (Currently Amended) A method according to claim 10, further comprising ~~the step of~~ adding the task list to a task map, the task map matching the task list to a session identification.

[c12] (Currently Amended) A method according to claim 6, upon creation of the new progress page, then further comprising creating a new response to each request comprising the new progress page, the STATUS header set to REDIRECT, and the LOCATION header set to a new uniform resource locator representing the new progress page ~~the step of retrieving a task list from a task map.~~

[c13] (Currently Amended) A method according to claim 6, further comprising ~~the step of~~ checking a completion status of all task objects.

[c14] (Original) A method according to claim 13, wherein if all the task objects are completed, then removing a task list from a task map.

[c15] (Currently Amended) A system, comprising:

a processor communicating with memory and executing a software application stored in the memory, the software application instructing the processor to:

create a progress page for the web browser, the progress page comprising progress messages for each of the multiple tasks, the progress page including an Embedded Refresh Component that forces the web browser to again request the progress page;

create a response to the request having a STATUS header set to REDIRECT and a LOCATION header set to a Progress Page Uniform Resource Locator corresponding to the Embedded Refresh Component;

communicate the response and the progress page to the web browser;

receive periodic requests for updates to the progress page according to the Embedded Refresh Component; and

when the multiple tasks are completed, communicate a final progress page to the web browser, the final progress page eliminating the Embedded Refresh Component

~~a Request Process Module stored in a memory device, the Request Process Module communicating a progress page to a web browser, the progress page comprising progress messages for each of multiple tasks to fulfill a request originating from the web browser, the progress page including an Embedded Refresh Component that forces the web browser to again request the progress page, and when the multiple tasks are completed, the Request Process Module communicates a final progress page to the web browser, and the final progress page eliminates the Embedded Refresh Component; and
a processor communicating with the memory device.~~

[c16] (Currently Amended) A computer program product comprising a computer readable medium storing processor executable instructions for performing a method, the method comprising:

reading progress messages by a processor that correspond to a task object in a task list;

reading a template by the processor for a progress page;

reading a refresh interval by the processor;

reading a Uniform Resource Locator by the processor;

creating the progress page by the processor by merging the progress messages, the template, the refresh interval, and the Uniform Resource Locator;

creating a response to the request by the processor, the response comprising the progress page, a STATUS header set to (REDIRECT), a LOCATION header set to the Uniform Resource Locator, and a REFRESH header having the uniform resource locator set as an attribute and the refresh interval set as another attribute;

communicating the progress page to the web browser;

receiving periodic requests at the processor for updates to the progress page according to the refresh interval contained within the REFRESH header; and

when the multiple tasks are completed, communicating a final progress page to the web browser, the final progress page eliminating the Uniform Resource Locator,

whereby the browser ceases requesting updates from the processor

~~a computer-readable medium; and~~

~~a Request Process Module stored on the computer-readable medium, the Request Process Module communicating a progress page to a web browser, the progress page comprising progress messages for each of multiple tasks to fulfill a request originating from the web browser, the progress page including an Embedded Refresh Component that forces the web browser to again request the progress page, and when the multiple tasks are completed, the Request Process Module communicates a final progress page to the web browser, and the final progress page eliminating the Embedded Refresh Component.~~

- [c17] (New) The computer readable medium according to claim 16, further comprising instructions for receiving each request at an end of the time period contained within the REFRESH header.
- [c18] (New) The computer readable medium according to claim 17, further comprising instructions for receiving each request at the uniform resource locator contained within the REFRESH header.
- [c19] (New) The computer readable medium according to claim 16, when each periodic request for an update is received, then further comprising instructions for erasing a previously-created progress page and creating a new progress page by compiling current progress messages from each task.
- [c20] (New) The system according to claim 15, wherein the software application causes the processor to represent the Embedded Refresh Component as a REFRESH header contained within the progress page having a uniform resource locator attribute set to a task monitor uniform resource locator and a content attribute set to a time period.